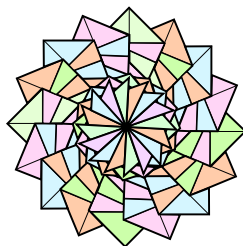


STAR FESTIVAL

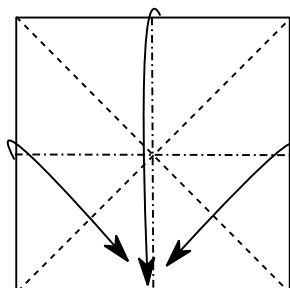
Created by Nobuko Okabe (NJ, USA)

Diagrams by Nobuko Okabe © January 2014

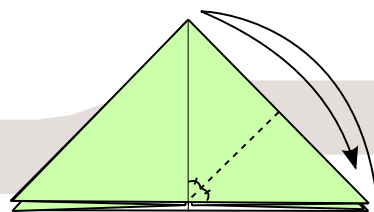
Variation 1



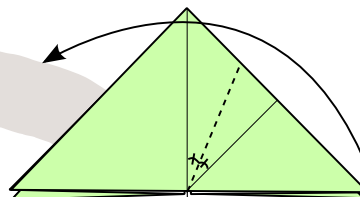
Unit



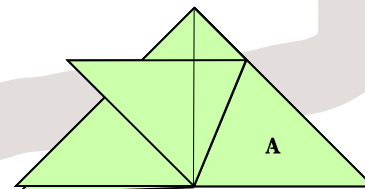
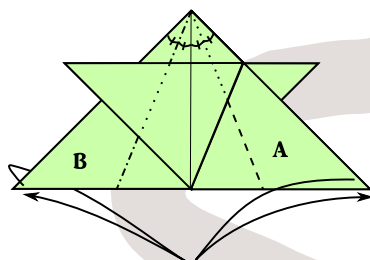
1. Waterbomb base.



2. Fold and unfold.



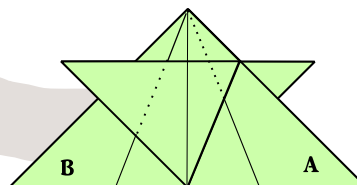
3. Bisect the angle.



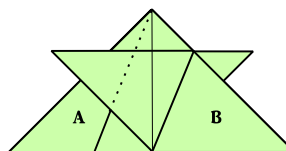
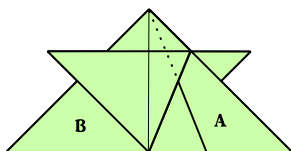
4. Repeat steps 2 and 3 on the other side.

5. Fold and unfold flap A.
Repeat on the other side (flap B).

By folding flaps A and B in the same manner,
you will have the same pattern (Variation 1
on both sides of the finished ring.)
(See Note below.)



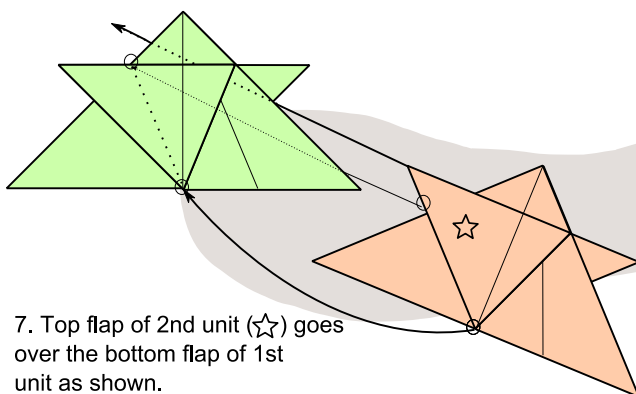
6. Unit for Variation 1 completed
(X16)



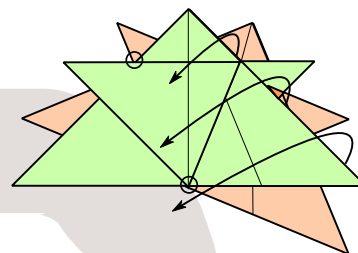
NOTE: Flap A contributes to form pattern on one side of finished modular ring,
and flap B contributes to the other side of the same ring. Pattern on each
side of finished ring is independent from each other so you can use any
combination of variations on flaps A and B.

Assembly

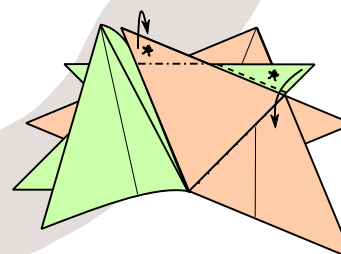
(Assembly [the way to join units] is the same for all variations.)



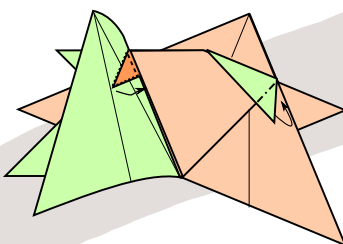
7. Top flap of 2nd unit (☆) goes over the bottom flap of 1st unit as shown.



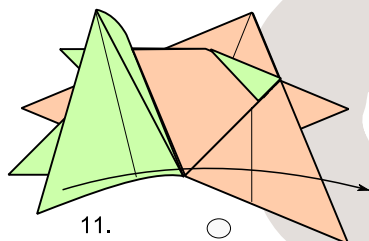
8. While holding the 2 units together so that they don't shift (=keeping the marked points (○) matched), lift the unit on top as shown to expose the connecting part.



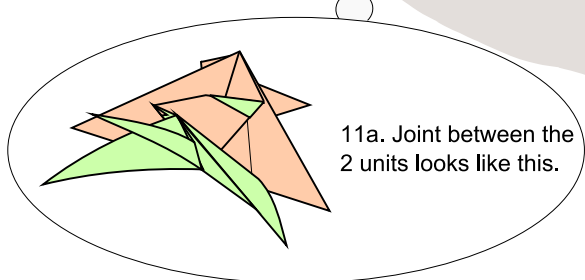
9. Fold the 2 flaps (★) as shown to lock the 2 units.



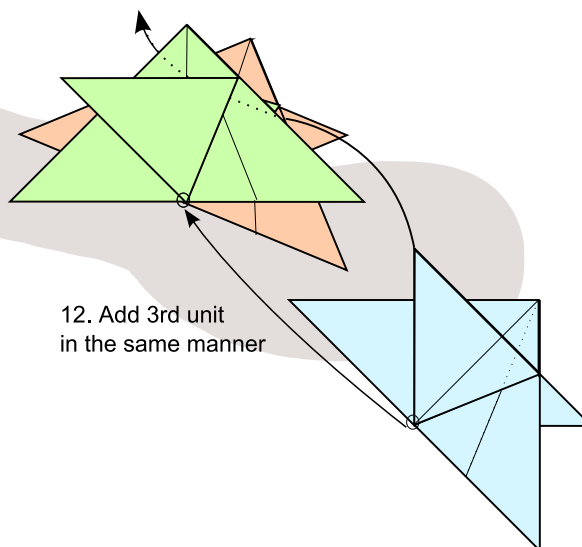
10. Fold the tips of folded flaps to double-lock.



11.

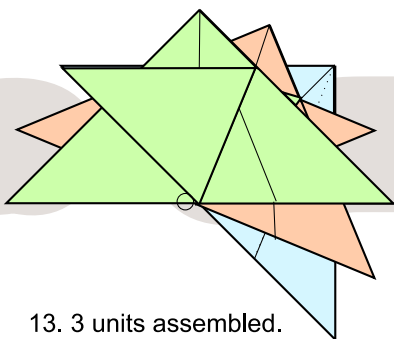


11a. Joint between the 2 units looks like this.

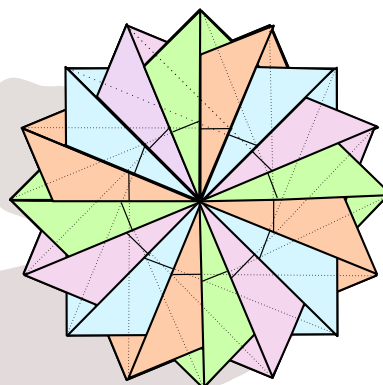


12. Add 3rd unit in the same manner

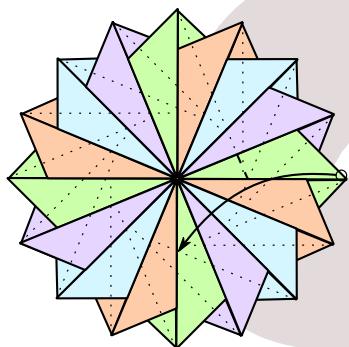
NOTE: I found that it is easier and the finished ring looks neater if I form blocks of a few assembled units, like four blocks of 4 units, first and then assemble the blocks into a ring rather than to keep adding 16 units one by one, although it is your preference.



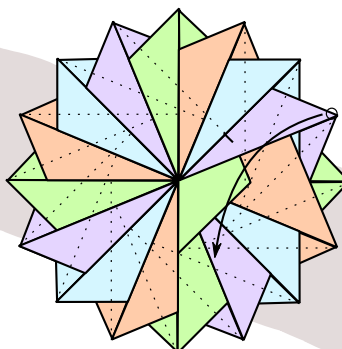
13. 3 units assembled.
Make sure the matching points (○)
don't shift while locking the units.



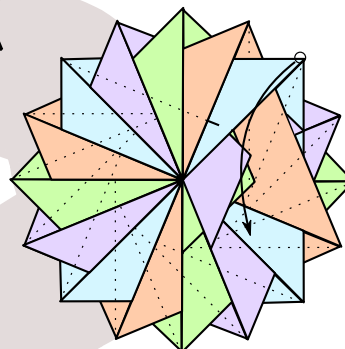
14. 16 units assembled.



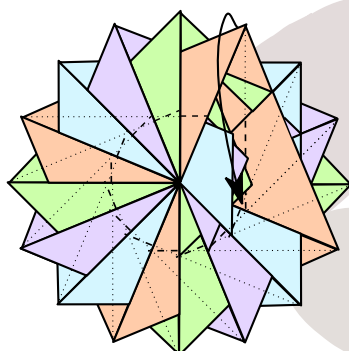
15. Refold the flaps along the
crease made in step 5 on each
unit.



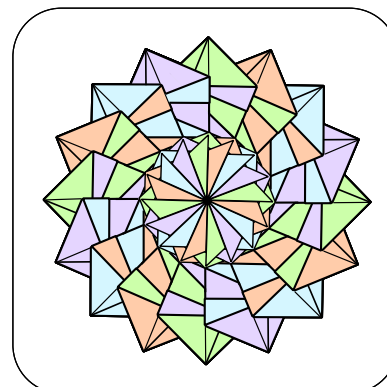
16.



17.



18. 3 flaps refolded, and pattern underneath
starts emerging. Keep going.
Do the same on the other side too.



19. Star Festival Variation 1
completed.